

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2812063
<b>Application Number:</b>	10674981
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	5002
<b>Title of Invention:</b>	MEMORY BUFFER DEVICE INTEGRATING REFRESH LOGIC
<b>First Named Inventor/Applicant Name:</b>	Robert M. Ellis
<b>Customer Number:</b>	8791
<b>Filer:</b>	Edwin Taylor/In Chung
<b>Filer Authorized By:</b>	Edwin Taylor
<b>Attorney Docket Number:</b>	42P17512
<b>Receipt Date:</b>	04-FEB-2008
<b>Filing Date:</b>	29-SEP-2003
<b>Time Stamp:</b>	18:17:04
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 1740
RAM confirmation Number	11324
Deposit Account	022666
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	P17512.PDF	108252	no	1
			55ec1019759c728f5a1c1541c8a2b43 6077302		

**Warnings:****Information:**

2	Fee Worksheet (PTO-06)	fee-info.pdf	8287	no	2
			b94e280ac31d83e11f5361ec207dc711 567133e		

**Warnings:****Information:**

<b>Total Files Size (in bytes):</b>	116539
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.